

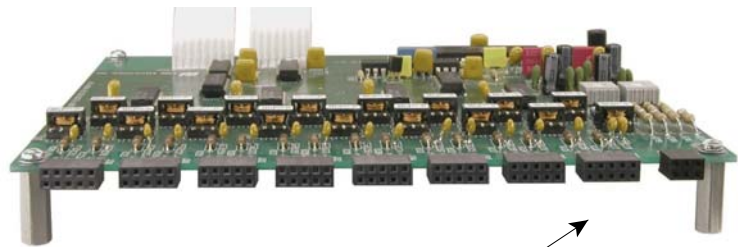
AES AUDIO SWITCH MATRIX MODEL 816-OP/D



816-OP/E Balanced Connector Panel



816-OP/F Unbalanced BNC Panel



AES Audio Switching Matrix



The AVS-816 has eight options to configure the unit to be Analog, SD/SDI or HD/SDI for Video and Audio. The audio can be configured for AES or Analog. The 816-OP/D is the AES/EBU audio plug-in board. The AVS-816 chassis and the 816-OP/D board make up an AES/EBU audio only switcher. NOTICE, you must choose the rear connector option for BNC or Balanced. Options 816-OP/F is the BNC unbalanced input. Option 816-OP/E is the balanced 3-Pin connector.

You must select the AES audio matrix and video matrix to make up the desired switcher format. You have the choice of analog or AES audio. In the case of AES audio, you have the option of BNC unbalanced or Plug-in 3-pin Weco balanced connectors. You can choose the 816-OP/D, AES plus the connector board for an audio switcher only. The AES matrix has one AES output and one analog output for monitoring.

Software is supplied with all AVS series to control up to 32 switchers from a single computer. See data sheets for the AVS-816/SA analog switcher and AVS-816/SD for SD SDI system switcher. A remote control is available for the unit, model PSR-816. The plug-in choices are:

- AVS-816, Chassis, power supply and motherboard
- 816-OP/A, Analog video matrix, 16X1, two outputs
- 816-OP/B, Analog audio matrix, 16X1, two outputs
- 816-OP/C, SD SDI video matrix, 16X1, one SD SDI and one analog
- 816-OP/D, AES audio matrix, 16X1, one AES and one analog**
- 816-OP/E, AES rear panel for Weco 3-pin connectors**
- 816-OP/F, AES rear panel for BNC connectors**
- 816-OP/G, GPI option
- 816-OP/HD, HD/SD SDI video matrix, 16X1, two outputs

Customer selects the above desired options, and the factory configures to your requirement.

MODEL 816-OP/D AES AUDIO SWITCHING MATRIX

SPECIFICATIONS

AES AUDIO INPUTS:

Number: 16
Interface: AES3-1992
Connector: BNC or 3 Pin Term. Plug-in
Format Bi-Phase Mark Encoded
Impedance: $110\Omega \pm 1\%$
Coupling: Transformer
Level: 4.2Vpp Typical
Sample Freq. Range: 30 KHZ to 50 KHZ

AES OUTPUTS:

Number: One, Digital on BNC
..... One, Analog for Monitoring, 3 pin connector
Interface: AES3-1992
Connectors: BNC or 3 Pin Plug-in Term Block
Format: Bi-Phase Mark Encoded
Impedance: $110\Omega \pm 1\%$
Coupling: Transformer
Level: 4.2 VP-P Typical

MECHANICAL:

Size:
Height: 1.375 "
Width: 6.25"
Depth: 7.0"
Weight: 8.5 oz

ENVIRONMENTAL:

Temperature: 0° to 50° C, ambient
Humidity: 0% to 90% non-condensing

POWER:

Input: 120/240 VAC $\pm 10\%$ 50/60 Hz
Power: 8 VAR



When configured, the chassis should look like this photo

Ordering Information

AVS-816 Chassis
816-OP/A, Video Mstrix
816-OP/B, Audio Matrix
816-OP/C, SDI Video Matrix
816-OP/D, AES Audio Marix
816-OP/E, AES Balanced Connector Panel
816-OP/F, Unbalanced BNC Connector Panel
816-OP/G, GPI Option
816-OP/HD, HD/SD SDI Video Matrix

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